

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/052366

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04H 1/00, H04J 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H04L, H04H, H04Q, H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20030166392 A1 (LAIHO, K ET AL), 4 Sept 2003 (04.09.2003), abstract --	1-42
A	US 20030152107 A1 (PEKONEN, H), 14 August 2003 (14.08.2003), paragraphs [0003]-[0007] --	1-42
P,A	WO 2004079982 A1 (NOKIA CORPORATION ET AL), 16 Sept 2004 (16.09.2004), page 1 - page 4 --	1-42
P,A	WO 2004066652 A1 (NOKIA CORPORATION), 5 August 2004 (05.08.2004), page 1, line 1 - page 3, line 21 -- -----	1-42

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

7 April 2005

Date of mailing of the international search report

15-04-2005

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Anders Edlund /LR
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/03/2005

International application No.

PCT/IB 2004/052366

US	20030166392	A1	04/09/2003	AU	2003215324	A	00/00/0000
				EP	1481500	A	01/12/2004
				WO	03075494	A	12/09/2003

US	20030152107	A1	14/08/2003	AU	2003207434	A	00/00/0000
				CA	2475044	A	21/08/2003
				EP	1474883	A	10/11/2004
				WO	03069885	A	21/08/2003

WO	2004079982	A1	16/09/2004	GB	0306220	D	00/00/0000
				GB	0309093	D	00/00/0000
				US	20050013274	A	20/01/2005
				WO	2004079956	A	16/09/2004

WO	2004066652	A1	05/08/2004	NONE			
----	------------	----	------------	------	--	--	--